

ABSTRACT:

A high strength Mg based alloy and a Mg based casting alloy having a good fluidity and a good mechanical property, and are used to provide a molded article using the alloy. A high strength Mg based alloy, which contains 12 to 20% of Al by weight; 0.1 to 10% of Zn; 0.1 to 15% of Sn; and 0.05 to 1.5% of Mn is used by being injection molded.